# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S548 | 604 | (128/dig.12).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S545 | 617 | (222/54).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S538 | 718 | (222/541.2).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S552 | 113 | (222/541.3).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S535 | 60 | (222/541.4).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S547 | 184 | (222/541.5).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S543 | 697 | (222/541.6).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S530 | 623 | (424/408).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S542 | 749 | (424/452-454).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S544 | 1062 | (604/131).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S579 | 265 | (604/132).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S541 | 135 | (604/134).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S586 | 254 | (604/135).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S534 | 2101 | (604/20).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S524 | 463 | (604/21).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |

| S52 5 | 298 | (604/288.01-288.04).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S54 6 | 611 | (604/304).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S55 0 | 922 | (604/890.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S52 8 | 809 | (604/891.1).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S54 9 | 454 | (604/892.1).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S52 6 | 713 | (604/93.01).CCLS. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |

# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S63 0 | 901 | (((shape$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) same (fractur$5 break$6 ruptur$6 separat$6 punctur$6 debonding) and ("422"/$7.ccls. "600"/$7.ccls. "601"/$7.ccls. "602"/$7.ccls. "603"/$7.ccls. "604"/$7.ccls. "605"/$7.ccls. "606"/$7.ccls. "607"/$7.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S61 1 | 347 | (((shape$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) same wire same expand$6 same contract$6 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S63 7 | 42 | (((shape$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) with (fractur$5 break$6 ruptur$6 separat$6 punctur$6 debond$4 tear$4 stretch$4 pierc$4) same (intak$4 admit$4 sampl$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S63 6 | 438 | (((shape$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) with (intak$4 admit$4 sampl$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S62 4 | 287 | (((shape$2 near memory) not with atrophy) (sma not with (I atrophy))) and ((222/541.2).CCLS. (222/541.3).CCLS. (222/541.4).CCLS. (222/541.5).CCLS. (222/541.6).CCLS. (222/54).CCLS. (604/890.1).CCLS. (604/891.1).CCLS. (604/892.1).CCLS. (604/20).CCLS. (604/21).CCLS. (604/93.01).CCLS. (604/288.01).CCLS. (604/288.02).CCLS. (604/288.03).CCLS. (604/288.04).CCLS. (604/304).CCLS. (604/131).CCLS. (604/132).CCLS. (604/134).CCLS. (604/135).CCLS. (128/dig.12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/21 14:53 |

# EAST Search History

| S63 4 | 931 | (((shape$2 near memory) not with atrophy) (sma not with (I atrophy))) same (wire spring ribbon thread) and (implant$4.detx. implantable. ab. implantable.ti.) and (((shape$2 near memory) not with atrophy) (sma not with (I atrophy))) same (releas$6 $2restrain$6 stored) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S61 4 | 70 | ((shape$2 adj memory) sma) same ((unthaw thaw unfrozen frozen frost temperature thermal) with indicator) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S63 1 | 157 | ((shape$2 adj memory) sma) same (temperature thermal$4) and ("374"/$7.ccls. "116"/$7.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S61 5 | 265 | ((shape$2 adj memory) sma) same (two with way) and (substance drug delivery) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S62 2 | 145 | ((shape$2 adj memory) sma) same (two with way) and hysteresis | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S63 5 | 697 | ((shape$2 adj memory) sma) same drug | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S61 8 | 546 | ((shape$2 adj memory) sma) same resistive | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S61 9 | 15 | ((shape$2 adj memory) sma) same transdermal | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S63 2 | 636 | ((shape$2 adj memory) sma) with (two adj way) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |

| S61 0 | 36 | ((shape$2 near memory) sma nitinol (nickel near titanium)) and (116/216,221.ccls. 374/102,104, 105,106,187,205,206,207) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S62 9 | 41 | ((shape$2 near memory) sma nitinol (nickel near titanium)) and (116/216,221.ccls. 374/102,104, 105,106,187,205,206,207) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S64 0 | 124 | ((shape$2 near memory) sma nitinol (nickel near titanium)) and (A61K009/$.ipc. A61M031/00.ipc. A61M037/00.ipc.) | EPO; JPO; DERWENT | OR | ON | 2007/12/21 15:39 |
| S62 7 | 68 | ((shape$2 near memory) sma nitinol (nickel near titanium)) and (audibl$5 sound audio) and ((222/541.2).CCLS. (222/541.3). CCLS. (222/541.4).CCLS. (222/541. 5).CCLS. (222/541.6).CCLS. (222/54).CCLS. (604/890.1).CCLS. (604/891.1).CCLS. (604/892.1). CCLS. (604/20).CCLS. (604/21). CCLS. (604/93.01).CCLS. (604/288. 01).CCLS. (604/288.02).CCLS. (604/288.03).CCLS. (604/288.04). CCLS. (604/304).CCLS. (604/131). CCLS. (604/132).CCLS. (604/134). CCLS. (604/135).CCLS. (128/dig. 12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/21 14:53 |
| S64 2 | 167 | ((shape$2 near memory) sma nitinol (nickel near titanium)) and (container capsule) and ((222/541. 2).CCLS. (222/541.3).CCLS. (222/541.4).CCLS. (222/541.5). CCLS. (222/541.6).CCLS. (222/54). CCLS. (604/890.1).CCLS. (604/891. 1).CCLS. (604/892.1).CCLS. (604/20).CCLS. (604/21).CCLS. (604/93.01).CCLS. (604/288.01). CCLS. (604/288.02).CCLS. (604/288. 03).CCLS. (604/288.04).CCLS. (604/304).CCLS. (604/131).CCLS. (604/132).CCLS. (604/134).CCLS. (604/135).CCLS. (128/dig.12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/21 16:28 |

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| S64 1 | 299 | ((shape$2 near memory) sma nitinol (nickel near titanium)) and (drug substance medicin$4) with (reservoir container capsule delivery) and ((222/541.2).CCLS. (222/541.3).CCLS. (222/541.4). CCLS. (222/541.5).CCLS. (222/541. 6).CCLS. (222/54).CCLS. (604/890. 1).CCLS. (604/891.1).CCLS. (604/892.1).CCLS. (604/20).CCLS. (604/21).CCLS. (604/93.01).CCLS. (604/288.01).CCLS. (604/288.02). CCLS. (604/288.03).CCLS. (604/288. 04).CCLS. (604/304).CCLS. (604/131).CCLS. (604/132).CCLS. (604/134).CCLS. (604/135).CCLS. (128/dig.12).CCLS. (424/408).CCLS. (424/452).CCLS. (424/453).CCLS. (424/454).CCLS.) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/21 16:23 |
|-------|-----|---|---|---|---|---|
| S64 5 | 110 | ((shape$2 near memory) sma nitinol (nickel near titanium)) and (self adj propel$4 selfpropel$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 17:18 |
| S61 7 | 352 | ((shape$2 near memory) sma nitinol (nickel near titanium)) same (audibl$5 sound audio) | US-PGPUB; USPAT | OR | ON | 2007/12/21 14:53 |
| S64 3 | 1187 | ((shape$2 near memory) sma nitinol (nickel near titanium)) same (container capsule) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/12/21 17:05 |
| S64 4 | 6 | ((shape$2 near memory) sma nitinol (nickel near titanium)) same (self adj propel$4 selfpropel$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 17:14 |
| S64 6 | 1446 | ((shape$2 near memory) sma nitinol (nickel near titanium)) same (travel$4 propel$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 19:00 |
| S60 6 | 71 | (G01K005/00.ipc. G01K005/48.ipc. G01K005/5$.ipc. G01K005/6$.ipc. G01K005/8$.ipc. ) and (shape$2 near memory near (effect alloy element material)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S60 8 | 31 | drug same capsule same dye and dye and ("422"/$7.ccls. "600"/$7. ccls. "601"/$7.ccls. "602"/$7.ccls. "603"/$7.ccls. "604"/$7.ccls. "605"/$7.ccls. "606"/$7.ccls. "607"/$7.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |

| S63 8 | 33 | endothermic same (chemical substance material) same (color$4 with chang$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S60 4 | 19 | G01K011/$.ipc. and (((shape$2 near memory near (effect alloy element material)) not with atrophy) (sma not with (I atrophy))) same (fractur$5 break$6 ruptur$6 separat$6 punctur$6 debonding) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S60 5 | 232 | G01K011/$.ipc. and (shape$2 near memory near (effect alloy element material)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S63 9 | 32 | G01K011/$.ipc. and (shape$2 near memory near (effect alloy element material)) and (((time temperature) with (history cummulative)) or time with temperature) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2007/12/21 14:53 |
| S62 1 | 18 | indicator same fractur$4 same sound | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | ON | 2007/12/21 14:53 |
| S63 3 | 17 | temperature adj activated adj systems | US-PGPUB; USPAT | OR | ON | 2007/12/21 14:53 |

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| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S56 1 | 15 | ("0640868" \| "2183482" \| "3840009" \| "3923060" \| "4239040" \| "4312347" \| "4313439" \| "4326522" \| "4425117" \| "4439197" \| "4457752" \| "4564363" \| "4714962").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S55 8 | 9 | ("1707762" \| "3485235" \| "4239040" \| "4439197" \| "4481952" \| "4507115" \| "5122128").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S56 7 | 9 | ("1707762" \| "3485235" \| "4239040" \| "4439197" \| "4481952" \| "4507115" \| "5122128").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S57 7 | 30 | ("20020072784" \| "20020107470" \| "20020119176" \| "20020183721" \| "20020187260" \| "20030010808" \| "20030036746" \| "20030077440" \| "20030158584" \| "20030233862" \| "20040043042" \| "4198135" \| "5059175" \| "5167625" \| "5366454" \| "5368704" \| "5443508" \| "5797898" \| "6114658" \| "6123861" \| "6247485" \| "6491666" \| "6527762" \| "6551838" \| "6656162" \| "6708050" \| "6730072" \| "6808522").PN. OR ("6953455"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S56 0 | 35 | ("2125419" \| "2529644" \| "3044665" \| "3057537" \| "3108722" \| "3160319" \| "3174851" \| "3198740" \| "3215311" \| "3399806" \| "3558369" \| "3913326" \| "4001928" \| "4049151" \| "4082678" \| "4188304" \| "4472939" \| "4524078" \| "4588080" \| "4627986" \| "4637944" \| "4765916" \| "4795032" \| "4942973").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S55 7 | 8 | ("3057344" \| "3118439" \| "3528429" \| "3844285" \| "4077405").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S56 3 | 18 | ("3057344" \| "3315660" \| "3485235" \| "3659600" \| "3923969" \| "4239040" \| "4322398" \| "4425117" \| "4507115" \| "4564363" \| "4692147" \| "4801459" \| "4871351" \| "4915949" \| "4927511").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S57 8 | 12 | ("3093831" \| "3118439" \| "3279996" \| "3315660" \| "3419008" \| "3485235").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |

| S57 6 | 35 | ("3161502" \| "3270100" \| "3336155" \| "3341466" \| "3396117" \| "3405070" \| "3567650" \| "3797494" \| "3875074" \| "4145187" \| "4207315" \| "4277364" \| "4391909" \| "4422970" \| "4592753" \| "4666441" \| "4708716" \| "4743249" \| "4806355" \| "4834978" \| "4913905" \| "4917676" \| "5028435" \| "5032403" \| "5042975" \| "5064422" \| "5064654" \| "5071704").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S55 4 | 6 | ("3485235" \| "3606592" \| "3659600" \| "4439197").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S55 6 | 6 | ("3485235" \| "3606592" \| "3659600" \| "4439197").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S55 3 | 5 | ("3485235" \| "3606592" \| "4360019").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S56 2 | 5 | ("3485235" \| "3606592" \| "4360019").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |

| S56 8 | 134 | ("3631847" \| "3812843" \| "3885662" \| "4067000" \| "4108177" \| "4151845" \| "4211998" \| "4231019" \| "4268150" \| "4364385" \| "4373527" \| "4424720" \| "4435173" \| "4469481" \| "4475901" \| "4498843" \| "4514732" \| "4529401" \| "4559033" \| "4559037" \| "4560979" \| "4562751" \| "4585439" \| "4601707" \| "4624661" \| "4634427" \| "4678408" \| "4684368" \| "4685903" \| "4734092" \| "4755173" \| "4781688" \| "4781693" \| "4801957" \| "4808161" \| "4836752" \| "4855746" \| "4882600" \| "4886499" \| "4898579" \| "4969874" \| "4973998" \| "5007458" \| "5045871" \| "5062841" \| "5109850" \| "5176662" \| "5205819" \| "5213483" \| "5232439" \| "5239326" \| "5242406" \| "5244463" \| "5245447" \| "5254096" \| "5257980" \| "5281202" \| "5312337" \| "5318540" \| "5342313" \| "5411480" \| "5433710" \| "5452033" \| "5492534" \| "5505709" \| "5507288" \| "5514096" \| "5533389" \| "5545152" \| "5575770" \| "5576781" \| "5582593" \| "5584813" \| "5630710" \| "5637095" \| "5643213" \| "5647853" \| "5660728" \| "5665065" \| "5665070" \| "5695490" \| "5702363" \| "5704520" \| "5726404" \| "5726751" \| "5741228" \| "5747350" \| "5748827" \| "5755682" \| "5776103" \| "5779676" \| "5785681" \| "5785688" \| "5797881" \| "5800397" \| "5800405" \| "5810015" \| "5814020" \| "5839467" \| "5840063" \| "5845218" \| "5848991" \| "5851197" \| "5858001" \| "5858005" \| "5875393" \| "5886647" \| "5891097" \| "5897530" \| "5906597" \| "5911716" \| "5919167" \| "5931814" \| "5935099" \| "5954058" \| "5957890" \| "5965848" \| "5983094" \| "5993423" \| "5997501" \| "6019747" \| "6061580" \| "6071292" \| "6144847" \| "6152898").PN. OR ("6363609" \| "6375638" \| "6485461" \| "6520936" \| "D303013" \| "D306691" \| "D311735" \| "D315727" \| "D405524").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|

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# EAST Search History

| S56 6 | 4 | ("3659600" \| "4239040" \| "4425117" \| "4507115").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S57 4 | 6 | ("3659600" \| "4239040" \| "4425117" \| "5167626" \| "5217449" \| "5279607").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S59 2 | 24 | ("3659600").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S57 1 | 7 | ("3677444" \| "4692151" \| "4820273" \| "4904239" \| "4909790" \| "4915693" \| "4969873").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S62 5 | 403 | ("374"/$7.ccls. "116"/$7.ccls. "340". clas.) and ((shape$2 near memory) sma nitinol (nickel near titanium)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S55 5 | 4 | ("3797499" \| "4523591" \| "4603595" \| "4874360").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S55 9 | 4 | ("3797499" \| "4523591" \| "4603595" \| "4874360").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S62 3 | 212 | ("422"/$7.ccls. "116"/$7.ccls. "374"/$7.ccls.) and time same temperature same history and color$7 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/21 14:53 |
| S58 7 | 25 | ("4239040").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S56 5 | 14 | ("4326524" \| "4425117" \| "4585652" \| "4838862" \| "4976966" \| "5151093" \| "5170801" \| "5217449" \| "5368571" \| "5874214" \| "6059736" \| "6142972" \| "6217906" \| "6349740").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S57 5 | 14 | ("4326524" \| "4425117" \| "4585652" \| "4838862" \| "4976966" \| "5151093" \| "5170801" \| "5217449" \| "5368571" \| "5874214" \| "6059736" \| "6142972" \| "6217906" \| "6349740").PN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S58 2 | 42 | ("4439197").URPN. | USPAT | OR | ON | 2007/12/21 14:57 |
| S58 4 | 42 | ("4439197").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S59 3 | 84 | ("4507115").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |

| S59 6 | 84 | ("4507115").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S57 2 | 3 | ("4801553" \| "5543114" \| "5665398").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/12/21 14:53 |
| S58 3 | 143 | ("4950258").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S59 7 | 143 | ("4950258").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S57 0 | 1 | ("5,045,064").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S59 5 | 24 | ("5045064").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S58 1 | 25 | ("5167626").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S59 4 | 25 | ("5167626").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S58 0 | 50 | ("5170801").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S59 1 | 12 | ("5176275").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S58 8 | 32 | ("5196002").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S59 8 | 17 | ("5217449").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S59 0 | 30 | ("5405614").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S58 5 | 6 | ("5843700").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S58 9 | 6 | ("6632216").URPN. | USPAT | OR | ON | 2007/12/21 14:53 |
| S56 9 | 3 | (("20040939420") or ("6953455") or ("20050186273") or ("20050055014")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/12/21 14:53 |
| S56 4 | 10 | (("5405614") or ("5167626") or ("5176275") or ("4664056") or ("2601440") or ("5207666") or ("5821664") or ("5217449") or ("4439197") or ("4627850")).PN. | US-PGPUB; USPAT; EPO; JPO | OR | OFF | 2007/12/21 14:53 |
| S57 3 | 5 | (("5618269") or ("6375638") or ("5919167") or ("6632216") or ("6474360")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |

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# EAST Search History

| S60 3 | 5 | (("Cited_in_parent_folder_FR") or ("2619731") or ("Cited_in_parent_folder_JP_not_fo und") or ("H1-188799")).PN. | USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2007/12/21 14:53 |
|---|---|---|---|---|---|---|
| S60 2 | 1 | (("Family_equivalent_to_EP_462508 ") or ("5178609")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |
| S62 6 | 47 | (("Original_search_corrupted") or ("Cited_in_patent_6682521") or ("1622545") or ("1625014") or ("2125419") or ("2460215") or ("2866338") or ("2953921") or ("2966261") or ("3214278") or ("3291617") or ("3440997") or ("3483752") or ("3516082") or ("3559839") or ("3734348") or ("4114559") or ("4165359") or ("4280361") or ("4439197") or ("4507115") or ("4522147") or ("4539929") or ("4664056") or ("4872584") or ("4896728") or ("5076197") or ("5147351") or ("5167626") or ("5176275") or ("5335994") or ("5443851") or ("5460117") or ("5487484") or ("5531180") or ("5735607") or ("5843700")).PN. or (2002/0055717).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2007/12/21 14:53 |